
2015 Kentucky Annual Administrative Claims Data Report - Cardiac Catheterization

January 1 through December 31, 2015

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Cabinet for Health and Family Services
Office of Health Policy



2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

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2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT – Cardiac Catheterization

INTRODUCTION

Thank you for your interest in the **2015 Annual Administrative Claims Data Report – Cardiac Catheterization**. This report covers the utilization of Cardiac Catheterization Labs by licensed Kentucky hospitals for the calendar year January 1, through December 31, 2015. The administrative claims data submitted by hospitals and ambulatory facilities as required by 900 KAR 7:030 – Data Reporting by Health Care Providers was used to produce the utilization information in this report.

Administrative claims data are generated at every encounter with the health care system, whether through a visit to a physician's office, a diagnostic procedure, an admission to a hospital, or receipt of a prescription at a community pharmacy. The terms "health care utilization data", "administrative health care billing records", "health care administrative data, or simply "claims data" are synonymous with "administrative claims data". These data are collected for administrative or billing purposes, yet may be leveraged to study health care delivery, benefits, harms, and costs. The data the Office of Health Policy (OHP) collects comes from the data elements on the 837 medical billing format used by medical facilities to bill for medical services. OHP contracts with the Kentucky Hospital Association to collect the administrative claims data from hospitals, and OHP checks and organizes the data for publication.

The Kentucky Annual Administrative Claims Data Report – Cardiac Catheterization uses the administrative claims data to determine utilization. Please refer to the Cabinet's Inventory of Kentucky Health Facilities, Health Services and Major Medical Equipment for a listing of hospitals, including the number of cardiac catheterization labs, authorized to provide catheterization services. The inventory may be viewed on OHP's web site at: <http://chfs.ky.gov/ohp/con/>.

Cardiac catheterization is a diagnostic or therapeutic procedure in which a catheter is introduced into a large vein or artery, usually of an arm or leg, and threaded through the circulatory system to the heart. A single procedure lasts from the time the catheter is inserted until the time that the catheter is completely withdrawn from the patient. With regard to cardiac catheterization services the term "laboratory" (lab) means each dedicated room within a fixed-site facility which is individually equipped and staffed for the purposes of performing cardiac catheterizations.

To determine the number of cardiac catheterizations performed, each administrative claims record was examined to determine if it contained one of the following procedure codes. **Inpatient Hospital Discharge records were examined for ICD-9 Procedure codes for the time period January 1, 2015 to September 30, 2015 and ICD-10-CM codes for the time period October 1, 2015 to December 31, 2015 as published in the 2015 Professional Edition ICD-9-CM and ICD-10-CM manuals for Hospitals Volume 3. Outpatient Services Records were examined for CPT Procedure codes as published in the 2015 Professional Edition Current Procedural Terminology manual.**

“Pediatric” means the patient age is 17 years or less. “Adult” means the patient age is 18 years or greater.

An asterisk (*) has replaced any cells with five or fewer cases. A blank indicates there were no cases.

As shown in the table of codes and the diagrams on the following pages, there is a wide variety of procedures for which claims were filed by the hospitals. Moreover, some patients receive only a diagnostic catheterization. Some patients receive only a therapeutic catheterization, and some patients receive both. Because we are counting administrative claims, using medical codes, the interpretation of the data can be confusing.

We count the claims three ways. The number of procedures classified as “All Therapeutic” is simply a count of administrative claims records where the record included at least one therapeutic code, regardless of the presence of any diagnostic codes. Similarly, the number of procedures classified as “All Diagnostic” is simply a count of administrative claims records where the record included at least one diagnostic code, regardless of the presence of any therapeutic codes. Finally, the number of procedures classified as “Therapeutic and Diagnostic” is a count of the number of claims records where the record included at least one diagnostic code AND at least one therapeutic code. This count overlaps the other two counts.

The tables show the number of claims for pediatric and adult procedures under these three categories. It may be helpful to consider an example. The first entry, for Murray Calloway County Hospital, shows a total of 109 therapeutic procedures, 230 diagnostic procedures, and 75 therapeutic and diagnostic procedures. So, of the 230 diagnostic procedures and 109 therapeutic procedures, 75 patients had both a diagnostic and a therapeutic catheterization.

Summary of 2015 Data

In 2015, cardiac catheterization procedures were performed in 43 Kentucky hospitals, located in 29 counties. There were 10 hospitals with a total of 11 labs, licensed to perform diagnostic catheterizations only. There were 28 hospitals, with a total of 91 labs, licensed as comprehensive, which can perform both diagnostic and therapeutic catheterizations. Lastly there are six hospitals, with 9 labs total, currently in an Angioplasty Two-Year Pilot Program. There were 51,108 diagnostic catheterizations performed and 18,729 therapeutic catheterizations performed. The volume of both procedures is down somewhat from that of the past few years.

Cardiac Caths	Diagnostic Catheterization	Therapeutic Catheterization
Inpatient January 1 - September 30	3721, 3722, 3723, 3725, 3726, 885, 8850, 8851, 8852, 8853, 8854, 8855, 8856, 8857, 8859	0040, 0041, 0042, 0043, 0045, 0046, 0047, 0048, 0060, 0066, 1755, 1756, 3606, 3607
Inpatient October 1 - December 31	02563ZZ, 02573ZZ, 025K3ZZ, 025L3ZZ, 02B40ZX, 02B43ZX, 02B44ZX, 02B50ZX, 02B53ZX, 02B54ZX, 02B60ZX, 02B63ZX, 02B64ZX, 02B70ZX, 02B73ZX, 02B73ZZ, 02B74ZX, 02B90ZX, 02B93ZX, 02B94ZX, 02BD0ZX, 02BD3ZX, 02BD4ZX, 02BF0ZX, 02BF3ZX, 02BF4ZX, 02BG0ZX, 02BG3ZX, 02BG4ZX, 02BH0ZX, 02BH3ZX, 02BH4ZX, 02BJ0ZX, 02BJ3ZX, 02BJ4ZX, 02BK0ZX, 02BK3ZX, 02BK3ZZ, 02BK4ZX, 02BL0ZX, 02BL3ZX, 02BL3ZZ, 02BL4ZX, 02BM0ZX, 02BM3ZX, 02BM4ZX, 4A020N6, 4A020N7, 4A020N8, 4A020PZ, 4A023FZ, 4A023N6, 4A023N7, 4A023N8, 4A023PZ, B2000ZZ, B2001ZZ, B200YZZ, B2010ZZ, B2011ZZ, B201YZZ, B2020ZZ, B2021ZZ, B202YZZ, B2030ZZ, B2031ZZ, B203YZZ, B2040ZZ, B2041ZZ, B204YZZ, B2050ZZ, B2051ZZ, B205YZZ, B2060ZZ, B2061ZZ, B206YZZ, B2070ZZ, B2071ZZ, B207YZZ, B2080ZZ, B2081ZZ, B208YZZ, B20F0ZZ, B20F1ZZ, B20FYZZ, B210010, B2100ZZ, B210110, B2101ZZ, B210Y10, B210YZZ, B211010, B2110ZZ, B211110, B2111ZZ, B211Y10, B211YZZ, B212010, B2120ZZ, B212110, B2121ZZ, B212Y10, B212YZZ, B213010, B2130ZZ, B213100, B2131ZZ, B213Y10, B213YZZ, B2140ZZ, B2141ZZ, B214YZZ, B2150ZZ, B2151ZZ, B215YZZ, B2160ZZ, B2161ZZ, B216YZZ, B2170ZZ, B2171ZZ, B217YZZ, B2180ZZ, B2181ZZ, B218YZZ, B21F0ZZ, B21F1ZZ, B21FYZZ	02703ZZ, 02704ZZ, 02713ZZ, 02714ZZ, 02723ZZ, 02724ZZ, 02733ZZ, 02734ZZ, 02C03ZZ, 02703DZ, 027034Z
CPT/HCPCS Procedure Code (Outpatient)	93451, 93452, 93453, 93454, 93455, 93456, 93457, 93458, 93459, 93460, 93461, 93462, 93463, 93464, 93503, 93505, 93530, 93531, 93532, 93533, 93561, 93562, 93563, 93564, 93565, 93566, 93567, 93568, 93571, 93572, 93580, 93581, 93582, 93583, 93600, 93602, 93603, 93609, 93610, 93612, 93613, 93615, 93616, 93618, 93619, 93620, 93621, 93622, 93623, 93624, 93631, 93640, 93641, 93642, 93644, 93653, 93660, C1730, C1731, 93662	92920, 92921, 92924, 92925, 92928, 92929, 92933, 92934, 92937, 92938, 92941, 92943, 92944, 92961, 92970, 92971, 92973, 92974, 92975, 92977, 92978, 92979, 92980, 92981, 92982, 92984, 92986, 92987, 92990, 92992, 92993, 92995, 92996, 92997, 92998, 93650, 93651, 93652, 93654, 93655, 93656, 93657, 0234T, 0235T, 0236T, 0237T, 0238T, C1732, C1733, C2630, C9600, C9601, C9602, C9603, C9604, C9605, C9606, C9607, C9608, G0290, G0291, C9741

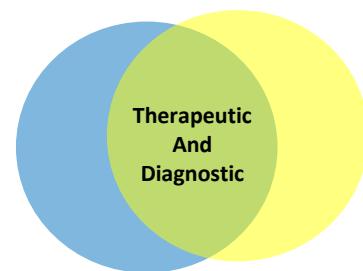
All Therapeutic: Includes a count of the number of administrative claims records where the record included at least one Therapeutic Code regardless of the presence of any Diagnostic code(s).



All Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic Code regardless of the presence of any Therapeutic code(s)



Therapeutic & Diagnostic: Includes a count of the number of administrative claims records where the record included at least one Diagnostic code AND at least one Therapeutic code. This count includes the overlap of the previous two groups.



Questions or comments regarding the data contained in this report should be directed to Allison Lile at (502) 564-9592, ext. 3155, or e-mail: Allison.Lile@ky.gov.

This report becomes the most recent official data on cardiac catheterization utilization published by the Cabinet for Health Services. For additional copies of this report, please submit a request in writing along with a check in the amount of \$20.00 made payable to the Kentucky State Treasurer to:

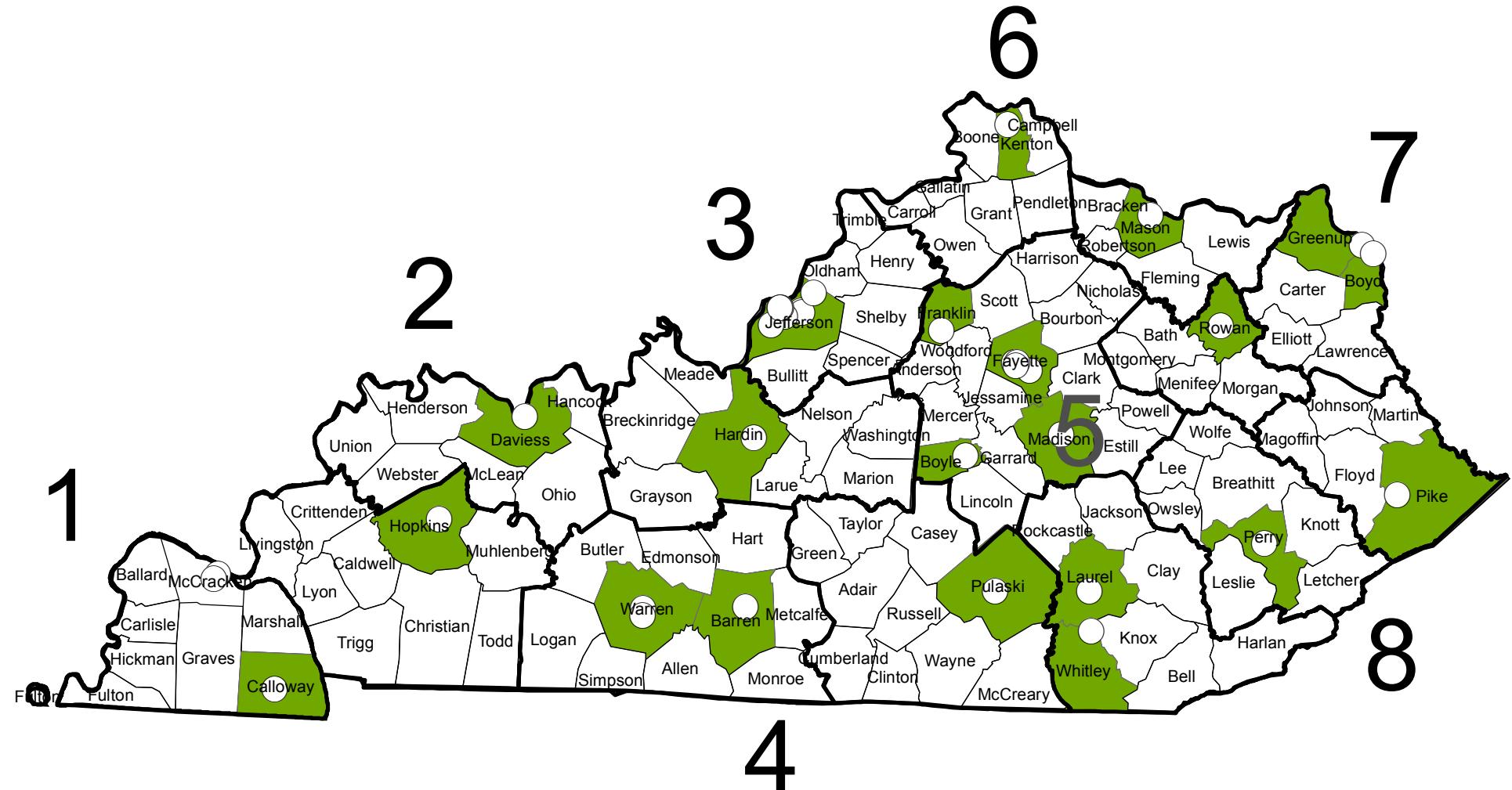
Cabinet for Health and Family Services
Office of Health Policy
275 East Main Street 4 W-E
Frankfort, KY 40621

SECTION I

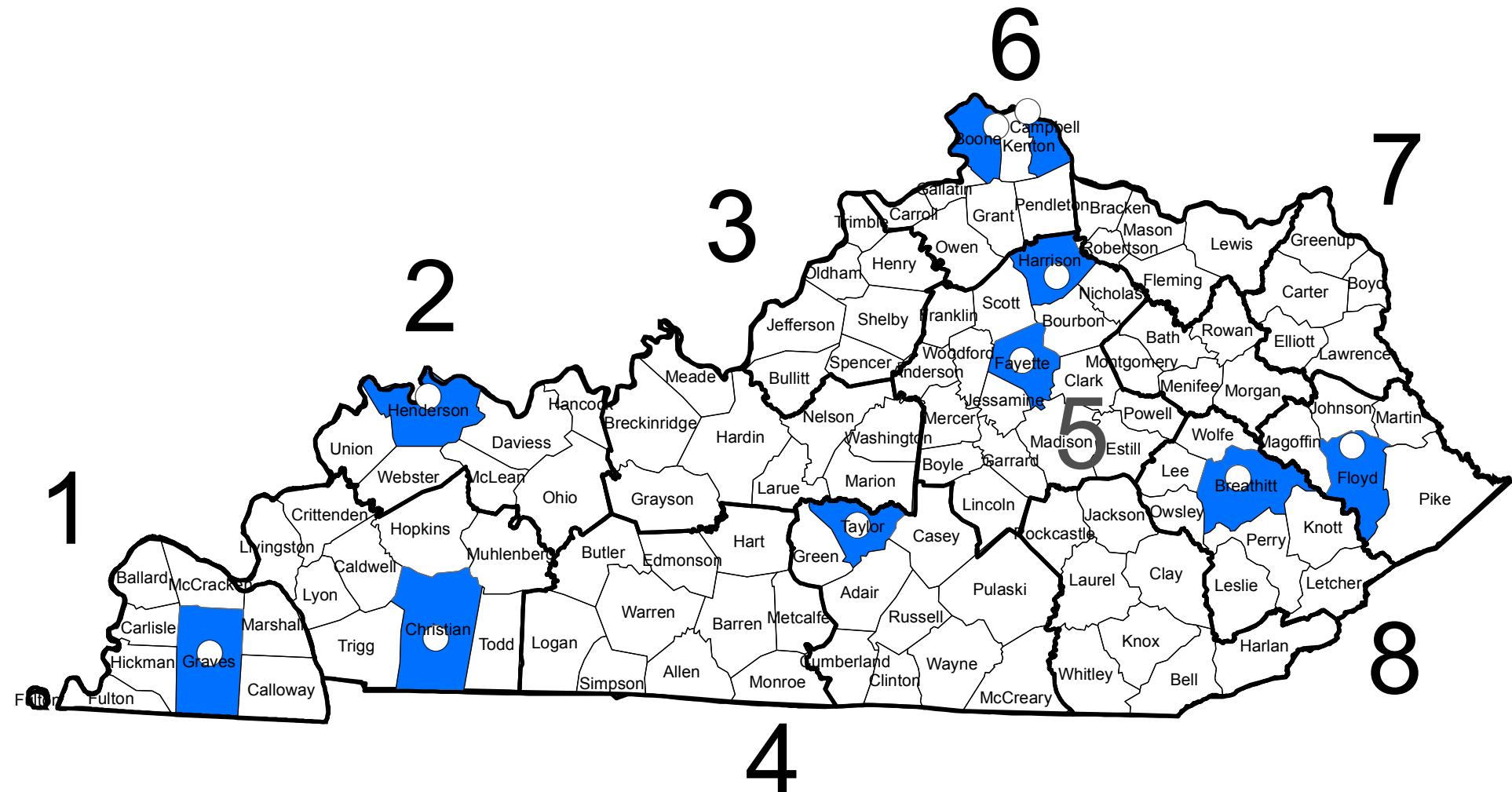


*Maps of Diagnostic and Therapeutic
Cardiac Catheterization Labs*

Therapeutic Cardiac Catheterization Facilities in Kentucky



Diagnostic Cardiac Catheterization Facilities in Kentucky



SECTION II



Cardiac Catheterization Utilization

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE											
Calloway	Murray Calloway County Hospital		13	96	109	9	66	75	31	199	230
Graves	Jackson Purchase Medical Center		14	85	99	9	52	61	30	187	217
McCracken	Lourdes Hospital		25	401	426	22	311	333	135	1,335	1,470
	Baptist Health Paducah		71	516	587	58	405	463	170	1,273	1,443
01 - Purchase Total			123	1,098	1,221	98	834	932	366	2,994	3,360
02 - PENNYRILE											
Christian	Jennie Stuart Medical Center Inc		22	88	110	17	61	78	42	201	243
Hopkins	Baptist Health Madisonville		41	286	327	33	227	260	160	1,028	1,188
02 - Pennyrile Total			63	374	437	50	288	338	202	1,229	1,431
03 - GREEN RIVER											
Daviess	Owensboro Health Regional Hospital		93	647	740	64	489	553	239	1,801	2,040
Henderson	Methodist Hospital		7	47	54	*	25	28	19	126	145
03 - Green River Total			100	694	794	67	514	581	258	1,927	2,185
04 - BARREN RIVER											
Barren	T J Samson Community Hospital		48	230	278	37	175	212	114	792	906
Warren	Tri-Star Greenview Regional Hospital		8	101	109	6	84	90	29	363	392
	The Medical Center at Bowling Green		111	664	775	87	519	606	277	2,050	2,327
	04 - Barren River Total			167	995	1,162	130	778	908	420	3,205
05 - LINCOLN TRAIL											
Hardin	Hardin Memorial Health		53	325	378	35	222	257	133	1,005	1,138
05 - Lincoln Trail Total			53	325	378	35	222	257	133	1,005	1,138

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 1 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Region, County, and Facility

Source: Kentucky Inpatient Hospital Discharge Administrative Claims data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
06 - KIPDA											
	Jefferson	Baptist Health Louisville	148	1,327	1,475	109	965	1,074	364	2,977	3,341
		Jewish Hospital and St Marys Healthcare	56	711	767	50	542	592	261	2,524	2,785
		Kosair Childrens Hospital	155	70	225	105	67	172	299	234	533
		Norton Audubon Hospital	52	484	536	46	369	415	142	1,420	1,562
		Norton Brownsboro Hospital	9	241	250	8	176	184	36	593	629
		Norton Hospital	81	709	790	58	561	619	217	1,629	1,846
		Norton Suburban Hospital	183	419	602	126	260	386	328	717	1,045
		Sts Mary and Elizabeth Hospital		155	155		97	97	6	337	343
		University of Louisville Hospital	34	239	273	20	151	171	53	497	550
	06 - KIPDA Total		718	4,355	5,073	522	3,188	3,710	1,706	10,928	12,634
07 - NORTHERN KY											
	Boone	St Elizabeth Florence	*	215	216	*	132	133	10	458	468
	Campbell	St Elizabeth Fort Thomas		146	146		100	100	*	332	337
	Kenton	St Elizabeth Edgewood	194	1,317	1,511	155	1,073	1,228	436	3,004	3,440
	07 - Northern Kentucky Total		195	1,678	1,873	156	1,305	1,461	451	3,794	4,245
08 - BUFFALO TRACE											
	Mason	Meadowview Regional Medical Center	88	536	624	42	234	276	155	1,235	1,390
	08 - Buffalo Trace Total		88	536	624	42	234	276	155	1,235	1,390
09 - GATEWAY											
	Rowan	St Claire Regional Medical Center	26	206	232	21	162	183	66	582	648
	09 - Gateway Total		26	206	232	21	162	183	66	582	648
10 - FIVCO											
	Boyd	Kings Daughters Medical Center	88	937	1,025	68	723	791	291	2,596	2,887
	Greenup	Our Lady Of Bellefonte Hospital	*	153	158	*	102	105	34	475	509
	10 - FIVCO Total		93	1,090	1,183	71	825	896	325	3,071	3,396

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	Greenup	Our Lady Of Bellefonte Hospital	*	153	158	*	102	105	34	475	509
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2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

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ADD	County	Facility	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
			Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
11 - BIG SANDY											
Floyd	Highlands Regional Medical Center		9	44	53	6	28	34	61	425	486
Pike	Pikeville Medical Center		71	617	688	47	459	506	180	1,475	1,655
11 - Big Sandy Total			80	661	741	53	487	540	241	1,900	2,141
12 - KY RIVER											
Breathitt	Kentucky River Medical Center		*	35	39		11	11	*	51	56
Perry	Hazard ARH Regional Medical Center		20	211	231	14	152	166	80	859	939
12 - Kentucky River Total			24	246	270	14	163	177	85	910	995
13 - CUMBERLAND VALLEY											
Laurel	Saint Joseph Hospital London		38	179	217	28	138	166	94	565	659
Whitley	Baptist Health Corbin		41	253	294	27	176	203	101	642	743
13 - Cumberland Valley Total			79	432	511	55	314	369	195	1,207	1,402
14 - LAKE CUMBERLAND											
Pulaski	Lake Cumberland Regional Hospital		54	381	435	39	265	304	176	1,260	1,436
Taylor	Taylor Regional Hospital		16	106	122	8	47	55	30	212	242
14 - Lake Cumberland Total			70	487	557	47	312	359	206	1,472	1,678
15 - BLUEGRASS											
Boyle	Ephraim McDowell Reg Medical Center		22	206	228	20	177	197	57	502	559
Fayette	Baptist Health Lexington		164	1,119	1,283	131	968	1,099	442	3,047	3,489
	Saint Joseph East		29	204	233	22	155	177	108	641	749
	Saint Joseph Hospital		65	638	703	60	558	618	228	2,165	2,393
	UK Healthcare Good Samaritan Hospital		8	153	161	*	100	102	7	225	232
	University of Kentucky Hospital		117	675	792	77	486	563	288	1,895	2,183
Franklin	Frankfort Regional Medical Center		25	148	173	19	116	135	58	464	522
Harrison	Harrison Memorial Hospital		7	32	39	*	25	30	54	323	377
Madison	Baptist Health Richmond		7	54	61	*	37	41	47	289	336
15 - Bluegrass Total			444	3,229	3,673	340	2,622	2,962	1,289	9,551	10,840
Statewide			2,323	16,406	18,729	1,701	12,248	13,949	6,098	45,010	51,108

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
01 - PURCHASE										
	Ballard	*	20	24	*	12	16	9	60	69
	Calloway	13	128	141	10	96	106	40	320	360
	Carlisle	6	15	21	*	13	17	15	73	88
	Fulton		25	25		19	19	7	58	65
	Graves	30	222	252	24	168	192	66	525	591
	Hickman		19	19		11	11	*	38	40
	McCracken	49	338	387	33	255	288	98	806	904
	Marshall	21	157	178	14	119	133	31	378	409
	01 - Purchase Total	119	924	1,047	81	693	782	266	2,258	2,526
02 - PENNYRILE										
	Caldwell	8	64	72	*	46	51	16	158	174
	Christian	46	185	231	37	135	172	99	520	619
	Crittenden	*	71	75	*	50	53	11	154	165
	Hopkins	26	240	266	22	191	213	89	691	780
	Livingston	*	67	70	*	53	56	13	157	170
	Lyon	*	31	33	*	24	25	*	96	101
	Muhlenberg	17	125	142	10	89	99	38	347	385
	Todd	*	31	35	*	20	23	15	70	85
	Trigg	*	39	42	*	31	33	15	137	152
	02 - Pennyrile Total	97	853	966	69	639	725	296	2,330	2,631

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
03 - GREEN RIVER										
Daviess		84	379	463	57	279	336	179	945	1,124
Hancock		*	29	34	*	19	23	9	70	79
Henderson		15	108	123	7	84	91	45	298	343
McLean		*	41	46	*	32	35	16	96	112
Ohio		12	108	120	10	81	91	35	225	260
Union		7	31	38	6	20	26	23	85	108
Webster		*	46	49	*	33	35	13	124	137
03 - Green River Total		118	742	873	80	548	637	320	1,843	2,163
04 - BARREN RIVER										
Allen		11	70	81	10	58	68	29	216	245
Barren		28	251	279	19	195	214	96	819	915
Butler		7	33	40	*	27	32	16	93	109
Edmonson		*	41	44	*	26	28	*	79	84
Hart		8	88	96	7	64	71	23	252	275
Logan		12	97	109	10	75	85	39	310	349
Metcalfe		10	69	79	8	53	61	22	185	207
Monroe		*	72	76	*	50	52	18	210	228
Simpson		9	63	72	*	53	58	21	164	185
Warren		60	384	444	45	289	334	151	903	1,054
04 - Barren River Total		145	1,168	1,320	99	890	1,003	415	3,231	3,651

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
05 - LINCOLN TRAIL										
Breckinridge		16	103	119	13	73	86	41	280	321
Grayson		26	151	177	19	112	131	60	395	455
Hardin		83	434	517	55	315	370	187	1,224	1,411
Larue		9	70	79	*	47	51	29	174	203
Marion		15	68	83	13	49	62	38	194	232
Meade		7	61	68	7	43	50	21	156	177
Nelson		20	173	193	16	127	143	64	489	553
Washington		*	56	59	*	38	40	15	129	144
05 - Lincoln Trail Total		176	1,116	1,295	123	804	933	455	3,041	3,496
06 - KIPDA										
Bullitt		45	213	258	33	158	191	91	521	612
Henry		10	61	71	*	41	46	21	145	166
Jefferson		500	2,806	3,306	356	1,976	2,332	1,163	6,750	7,913
Oldham		30	148	178	24	105	129	75	400	475
Shelby		22	133	155	16	105	121	51	339	390
Spencer		10	68	78	*	48	52	21	155	176
Trimble		6	26	32	*	20	23	8	61	69
06 - KIPDA Total		623	3,455	4,078	429	2,453	2,894	1,430	8,371	9,801

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
07 - NORTHERN KY										
	Boone	45	456	501	33	357	390	120	1,248	1,368
	Campbell	31	315	346	20	241	261	72	883	955
	Carroll	*	55	60	*	42	44	16	151	167
	Gallatin	*	35	37	*	25	27	13	106	119
	Grant	18	130	148	11	95	106	43	404	447
	Kenton	69	646	715	50	479	529	173	1,745	1,918
	Owen	*	37	42	*	25	29	13	92	105
	Pendleton	8	55	63	6	43	49	14	175	189
	07 - Northern Kentucky Total	171	1,729	1,912	120	1,307	1,435	464	4,804	5,268
08 - BUFFALO TRACE										
	Bracken	6	46	52	6	35	41	14	104	118
	Fleming	19	63	82	14	47	61	38	195	233
	Lewis	*	35	37	*	25	27	10	84	94
	Mason	10	65	75	9	45	54	23	180	203
	Robertson	*	8	10	*	8	10	*	25	27
	08 - Buffalo Trace	39	217	256	33	160	193	87	588	675
09 - GATEWAY										
	Bath	12	64	76	10	54	64	27	175	202
	Menifee	8	28	36	7	19	26	12	86	98
	Montgomery	17	101	118	14	75	89	41	288	329
	Morgan	8	54	62	7	42	49	30	166	196
	Rowan	17	147	164	17	113	130	69	408	477
	09 - Gateway Total	62	394	456	55	303	358	179	1,123	1,302

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
10 - FIVCO										
	Boyd	30	345	375	19	241	260	84	812	896
	Carter	21	147	168	17	108	125	53	458	511
	Elliott	*	49	53	*	39	42	11	104	115
	Greenup	20	187	207	15	144	159	44	497	541
	Lawrence	10	68	78	9	46	55	22	200	222
	10 - FIVCO Total	85	796	881	63	578	641	214	2,071	2,285
11 - BIG SANDY										
	Floyd	35	238	273	25	182	207	74	669	743
	Johnson	13	137	150	9	103	112	38	379	417
	Magoffin	8	64	72	8	43	51	25	165	190
	Martin	*	53	54	*	35	36	12	102	114
	Pike	53	406	459	41	308	349	131	1,070	1,201
	11 - Big Sandy Total	110	898	1,008	84	671	755	280	2,385	2,665
12 - KY RIVER										
	Breathitt	8	40	48	6	38	44	21	149	170
	Knott	6	56	62	*	45	50	16	164	180
	Lee	*	26	28	*	21	22	9	76	85
	Leslie	*	50	54	*	43	46	16	153	169
	Letcher	11	109	120	6	87	93	38	337	375
	Owsley	*	24	26	*	16	18	12	60	72
	Perry	17	135	152	15	101	116	47	398	445
	Wolfe	*	31	36	*	24	27	18	80	98
	12 - Kentucky River Total	55	471	526	41	375	416	177	1,417	1,594

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
13 - CUMBERLAND VALLEY										
Bell		16	163	179	14	129	143	55	429	484
Clay		13	119	132	11	87	98	51	347	398
Harlan		16	151	167	12	108	120	51	390	441
Jackson		6	44	50	*	32	35	19	124	143
Knox		27	131	158	19	97	116	63	369	432
Laurel		26	194	220	18	149	167	72	487	559
Rockcastle		12	60	72	9	47	56	38	189	227
Whitley		38	231	269	29	164	193	75	546	621
13 - Cumberland Valley Total		154	1,093	1,247	115	813	928	424	2,881	3,305
14 - LAKE CUMBERLAND										
Adair		11	87	98	6	68	74	25	237	262
Casey		6	51	57	6	38	44	16	169	185
Clinton		*	31	35	*	23	27	11	89	100
Cumberland		*	40	43	*	28	30	18	132	150
Green		*	58	62	*	43	47	18	166	184
McCreary		12	51	63	9	32	41	31	133	164
Pulaski		35	230	265	25	165	190	85	610	695
Russell		13	77	90	6	60	66	36	244	280
Taylor		14	125	139	14	98	112	52	352	404
Wayne		9	75	84	9	59	68	30	201	231
14 - Lake Cumberland Total		111	825	936	85	614	699	322	2,333	2,655

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 2 - Therapeutic and Diagnostic Cardiac Catheterization Procedures by Patient Origin

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

ADD	County	All Therapeutic			Therapeutic & Diagnostic			All Diagnostic		
		Pediatric	Adult	Total	Pediatric	Adult	Total	Pediatric	Adult	Total
15 - BLUEGRASS										
Anderson		15	58	73	11	35	46	30	154	184
Bourbon		9	70	79	7	51	58	24	196	220
Boyle		11	116	127	11	92	103	41	354	395
Clark		23	133	156	19	97	116	46	370	416
Estill		*	57	62	*	44	48	23	194	217
Fayette		132	768	900	91	595	686	353	2,170	2,523
Franklin		24	149	173	20	122	142	63	445	508
Garrard		11	59	70	10	47	57	28	180	208
Harrison		10	89	99	6	74	80	30	233	263
Jessamine		14	125	139	11	83	94	63	322	385
Lincoln		20	89	109	17	72	89	44	292	336
Madison		42	245	287	29	185	214	115	699	814
Mercer		*	102	107	*	73	77	23	292	315
Nicholas		*	18	23	*	15	17	*	79	82
Powell		7	46	53	6	32	38	24	131	155
Scott		31	143	174	21	115	136	76	383	459
Woodford		14	66	80	9	46	55	31	199	230
15 - Bluegrass Total		378	2,333	2,711	278	1,778	2,056	1,017	6,693	7,710
Out of State										
Out of State Total		141	1,122	1,263	96	782	878	325	2,767	3,092
Grand Total		2,639	18,136	20,775	1,925	13,408	15,333	6,683	48,136	54,819

Note: Totals in Table 2 may not match totals in Table 1 because some facilities performed procedures within the range of codes but do not have a cardiac catheterization lab. These procedures are counted in Table 2 by patient origin, but not Table 1, which only includes facilities with CON approved cardiac cath labs.

SECTION III



Trends of Cardiac Catheterization

2015 ANNUAL ADMINISTRATIVE CLAIMS DATA REPORT

Table 3 - Trend of Therapeutic and Diagnostic Cardiac Catheterization Procedures by Facility ADD

Source: Kentucky Inpatient Hospital Discharge Administrative Claims Data and Kentucky Outpatient Services Administrative Claims Data

Facility ADD	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
01 - Purchase Total	1,115	1,181	1,480	993	1,221	1,002	1,042	1,025	729	932	3,490	3,559	3,507	2,809	3,360
02 - Pennyrile Total	353	428	477	390	437	318	387	346	293	338	777	1,215	1,212	1,299	1,431
03 - Green River Total	631	668	1,001	919	794	416	555	732	674	581	1,407	2,228	2,433	2,652	2,185
04 - Barren River Total	1,101	1,202	1,233	982	1,162	863	1,044	915	795	908	2,324	3,516	2,588	3,065	3,625
05 - Lincoln Trail Total	211	203	383	332	378	139	156	248	224	257	1,055	957	1,111	1,100	1,138
06 - KIPDA Total	4,564	4,379	5,594	5,846	5,073	3,376	3,506	3,979	4,141	3,710	10,905	14,411	13,727	14,475	12,634
07 - Northern Kentucky Total	1,512	1,283	1,778	1,917	1,873	1,254	1,011	1,188	1,391	1,461	4,032	4,852	4,625	4,561	4,245
08 - Buffalo Trace Total	312	273	427	445	624	261	155	402	255	276	477	807	1,503	1,390	1,390
09 - Gateway Total	178	261	292	187	232	150	233	246	155	183	509	689	711	562	648
10 - FIVCO Total	2,576	1,937	1,364	845	1,183	2,038	1,650	934	631	896	5,323	5,914	3,818	2,681	3,396
11 - Big Sandy Total	454	423	643	691	741	368	358	462	511	540	1,321	1,623	1,793	1,901	2,141
12 - Kentucky River Total	407	381	343	323	270	314	296	250	221	177	1,084	1,292	1,262	1,209	995
13 - Cumberland Valley Total	495	376	471	484	511	472	361	395	353	369	2,486	1,597	1,376	1,271	1,402
14 - Lake Cumberland Total	724	588	737	553	557	416	463	568	370	359	1,129	2,093	1,850	1,685	1,678
15 - Bluegrass Total	5,423	4,931	5,840	4,457	3,673	4,391	4,072	4,096	3,463	2,962	11,059	12,803	13,922	12,266	10,840
Statewide	20,056	18,514	22,063	19,364	18,729	15,778	15,289	15,786	14,206	13,949	47,378	57,556	55,438	52,926	51,108



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